

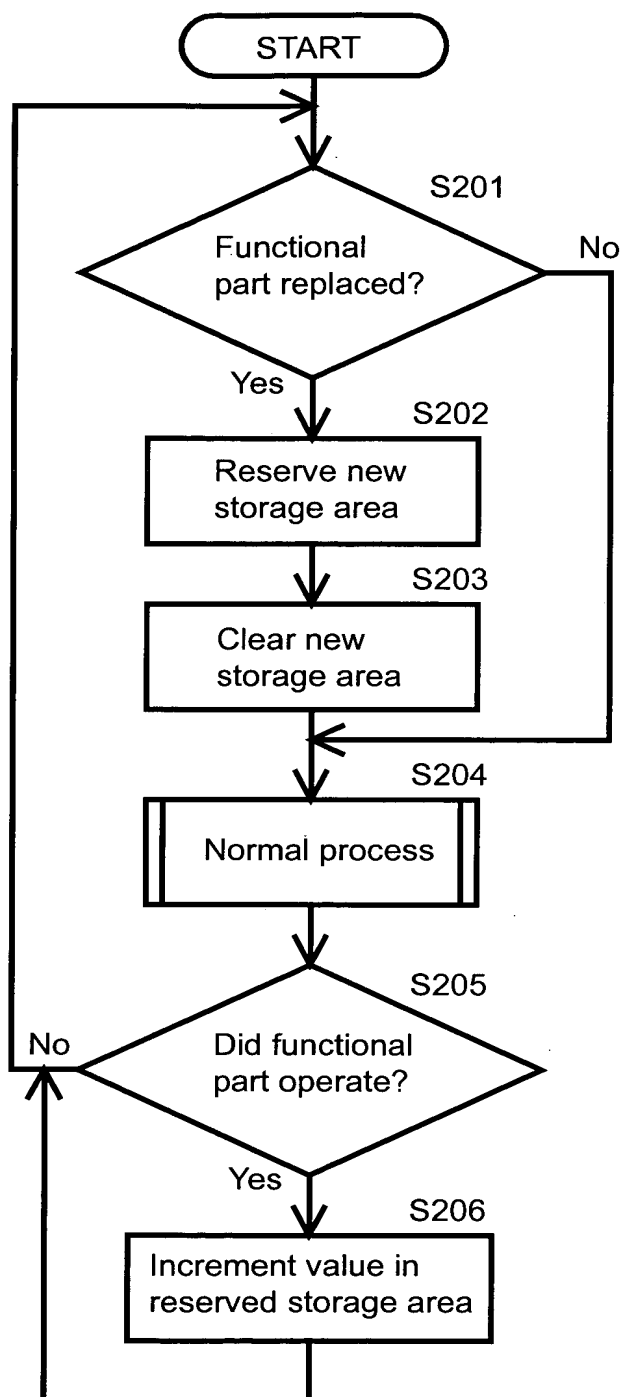
[illegible]

FIG. 2

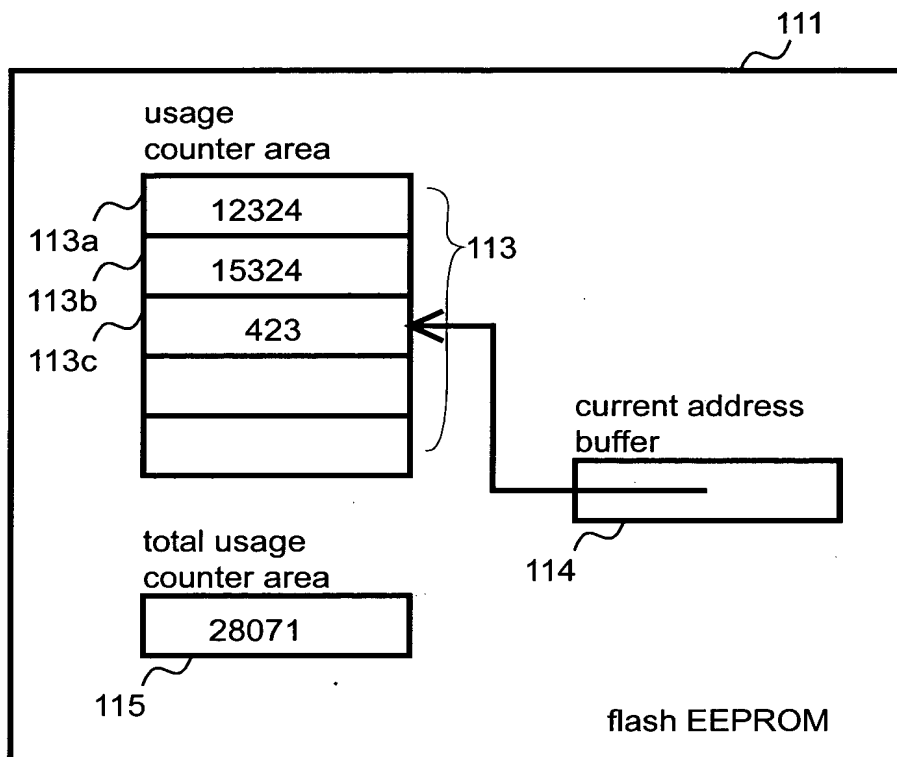


FIG. 3

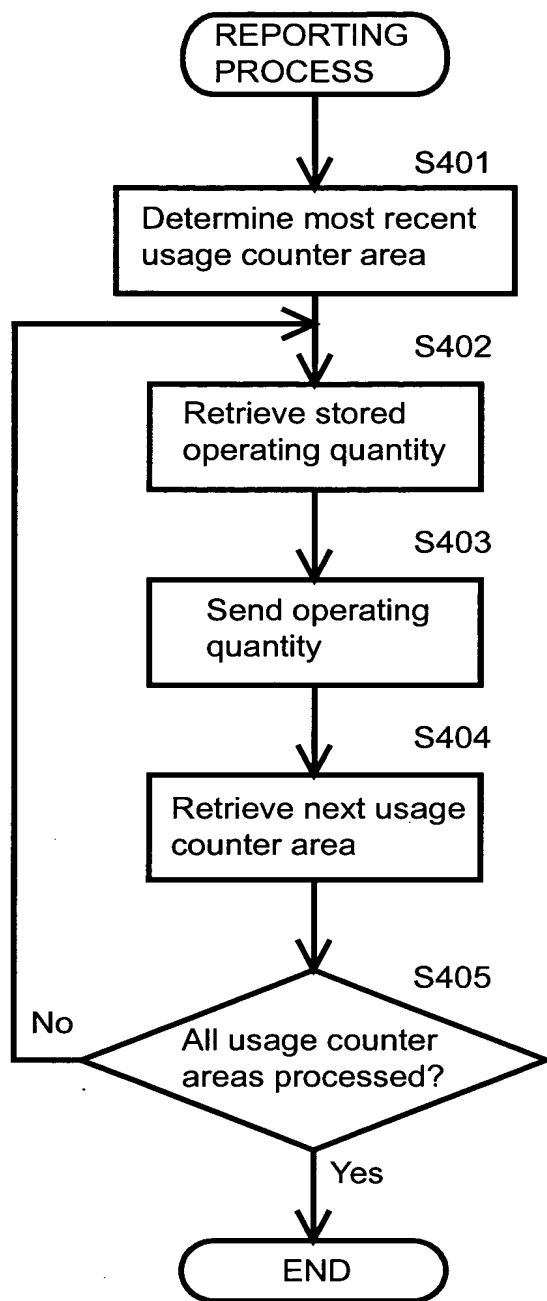


FIG. 4

501	501a	501b	501c	501d	501e
	Production Number	Number of Times	Loaded Date	Unloaded Date	Warning Date
	BL99000110	3500×1000	99.07.04	99.09.13	99.08.30
	BL99010032	3800×1000	99.09.13	99.12.12	99.11.18
	BL99018711	255×1000	99.12.12	00.00.00	

502	502a	502b	502c	502d	502e
	Production Number	Number of Times	Loaded Date	Unloaded Date	Warning Date
	CL99001000	2120×1000	99.07.04	99.12.27	99.12.20
	CL99033330	560×1000	99.12.27	00.00.00	

FIG. 6

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color print head data area

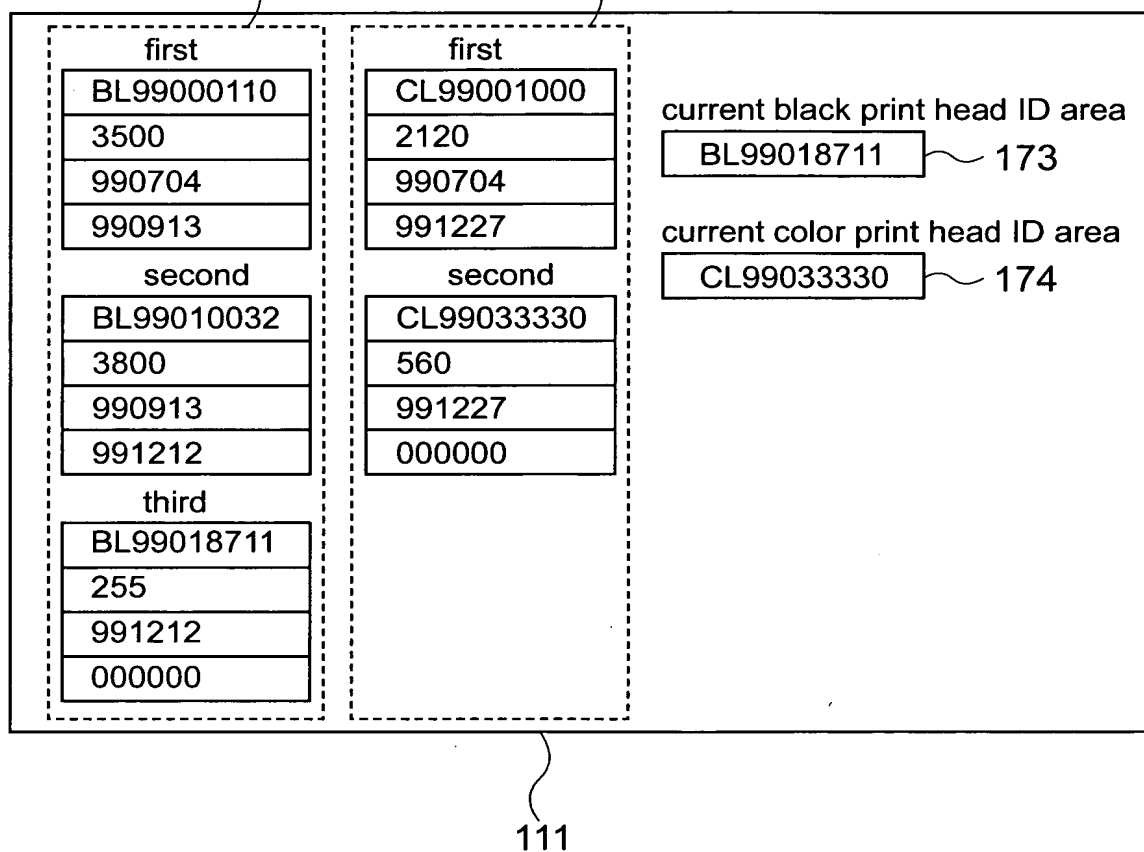


FIG. 7

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graph TD
    START([START]) --> S501{Does print head ID  
match stored ID number?}
    S501 -- Yes --> S506{Normal process required?}
    S501 -- NO --> S502[Store ID of current print head  
in area 173]
    S502 --> S503[Obtain date data from  
real-time clock]
    S503 --> S504[Store date data to Loaded Date and Unloaded Date  
storage areas]
    S504 --> S505[Clear counter area indicated  
by ID in area 173]
    S505 --> S506
    S506 -- Yes --> S510[Normal process]
    S510 --> S506
    S506 -- No --> S507{Temporary counter ≥ 1000?}
    S507 -- No --> S501
    S507 -- Yes --> S508[Increment value  
in counter area]
    S508 --> S509[Decrement temporary  
counter by 1000]
    S509 --> S507

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FIG. 8

FIG. 9